Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 02 Sep 2021 until 23:59 on Friday 03 Sep 2021

Forecast Issued on Wednesday 01 Sep 2021 at 14:39

Confidence: High confidence in the generally settled outlook through into the weekend, though cloud amounts are more uncertain. Confidence reducing into the start of next week.

Headline for Thursday 02 Sep 2021: Cloudy to start but some sunshine into the afternoon.

Mountain weather hazards on Thursday 02 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Dull	Cloudy	Sunny	Sunny	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	00%	00%	00%	00%	00%

Forecast for Thursday 02 Sep 2021

Weather: A largely dry but overcast start but cloud tending to break during the morning to give some long sunny spells through the afternoon. Cloud will thicken once again into the evening but remaining dry.

Chance of cloud free mountain/hill tops above 600m: 20% to start but improving through the morning to become 90% into the afternoon as cloud breaks. Becoming 30% into the evening as cloud spreads from the east.

Visibility: Extensive cloud with bases 600-800m through the morning, with some lower bases of 400-600m possible particularly on eastern facing slopes where the poorest visibilities are likely. Visibilities becoming good into the afternoon as cloud breaks, before turning hazier into the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 02 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/23 NE	15/22 NE	14/20 NE	14/21 NE	14/20 NE	12/18 E	11/18 NE	12/20 NE	9/15 E
300	7/17 NE	8/17 NE	8/16 NE	10/18 NE	10/18 E	9/17 E	8/16 NE	8/17 NE	7/14 NE
Valley	4/13 NE	4/13 NE	5/13 NE	8/16 E	7/14 E	8/14 E	8/15 E	6/13 E	6/13 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/5	8/5	10/7	12/10	13/11	11/9	8/6	8/6
300	11/9	10/8	11/9	13/11	16/14	17/15	14/12	11/9	10/9
Valley	11/11	11/10	12/11	15/14	18/17	19/18	16/15	12/10	10/9
Freezing Level*	2500m	2500m	2500m	2500m	2500m	2500m	2500m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some uncertainty with regard the speed of cloud breaking up through the morning, but northern and western areas are likely to see the quickest improvements. The sun remains strong even as we come towards the end of summer with Moderate UV likely in any persistent sunshine into the afternoon

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 01 Sep 2021	0.4mm	0.4mm	0.4mm

Forecast for Friday 03 Sep 2021

Weather: Conditions similar to Thursday, staying dry with early cloud clearing to give a brighter afternoon.

Maximum wind: Easterly winds of 20-25mph possible on exposed tops.

Chance of cloud free mountain/hill tops above 600m: 20% to start but improving through the morning to become 90% into the afternoon as cloud breaks.

Visibility: Extensive cloud with bases 600-800m through the morning, with some lower bases of 400-600m again possible particularly on eastern facing slopes. Visibilities becoming good into the afternoon as cloud increasingly breaks

Temperature: **Valleys:** Plus 10 Celsius, rising to Plus 17 Celsius during the afternoon.
At 600m: Plus 8 Celsius, rising to Plus 12 Celsius during the afternoon.
Freezing level: Above summits.

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